

Table 20*Concentrations of Selected Pollutants in Waters of the Bay/Delta Estuary (ppb)*

| Pollutant | Range of Total Concentrations ¹ | State Water Quality Objective Downstream of Carquinez Strait | State Water Quality Objective Upstream of San Pablo Bay | Any Samples Exceeding State Water Quality Objectives? |
|-------------|--|--|---|---|
| Arsenic | 0.5 - 4.5 ² | 36 (4D) 69 (1H) | 190 (4D) 360 (1H) | No |
| Cadmium | 0.005 - 0.159 | 9.3 (4D) 43 (1H) | 1.1 (4D) 3.9 (1H) | No |
| Chromium | 0.540 - 3.600 | — | — | — |
| Copper | 0.9 - 7.2 | — | 6.5 (4D) 9.2 (1H) | Yes |
| Lead | 0.15 - 3.54 | 5.6 (4D) 140 (1H) | 3.2 (4D) 82 (1H) | Yes |
| Mercury | 0.001 - 0.032 | 0.025 (4D) 2.1 (1H) | 0.025 (4D) 2.4 (1H) | Yes |
| Nickel | 1.22 - 11.28 | 7.1 (1D) 140 (Inst.) | 56 (1D) 100 (Inst.) | Yes |
| Selenium | 0.013 - 4.700 ² | — | — | — |
| Silver | 0.003 - 0.100 | 2.3 (Inst.) | 1.2 (Inst.) | No |
| Tributyltin | 0.004 - 0.570 | — | 0.04 (1D) 0.06 (Inst.) | Yes |
| Zinc | 1.4 - 17.4 | 58 (1D) 170 (Inst.) | 38 (1D) 170 (Inst.) | No |
| PAH | — | 15 (1D) | — | — |
| DDT | — | — | — | — |
| PCB | 0.0004 - 0.0066 | — | — | — |

¹All concentrations are from Flegal et al., 1991, except chromium, selenium, tributyltin and PCB, which are from Davis et al., 1991.

²Concentrations of unfiltered samples.

Dashes indicate that either reliable data or water quality objectives do not exist.

4D = Four day average

1D = One day average

1H = One hour average

Inst. = Instantaneous value